



# National Weather Service Southeast River Forecast Center



## **Daily Operational Support Message**

issued

**Tuesday, October 6th, 2015**

for

**North Carolina, South Carolina, and  
Virginia**



# Key Points

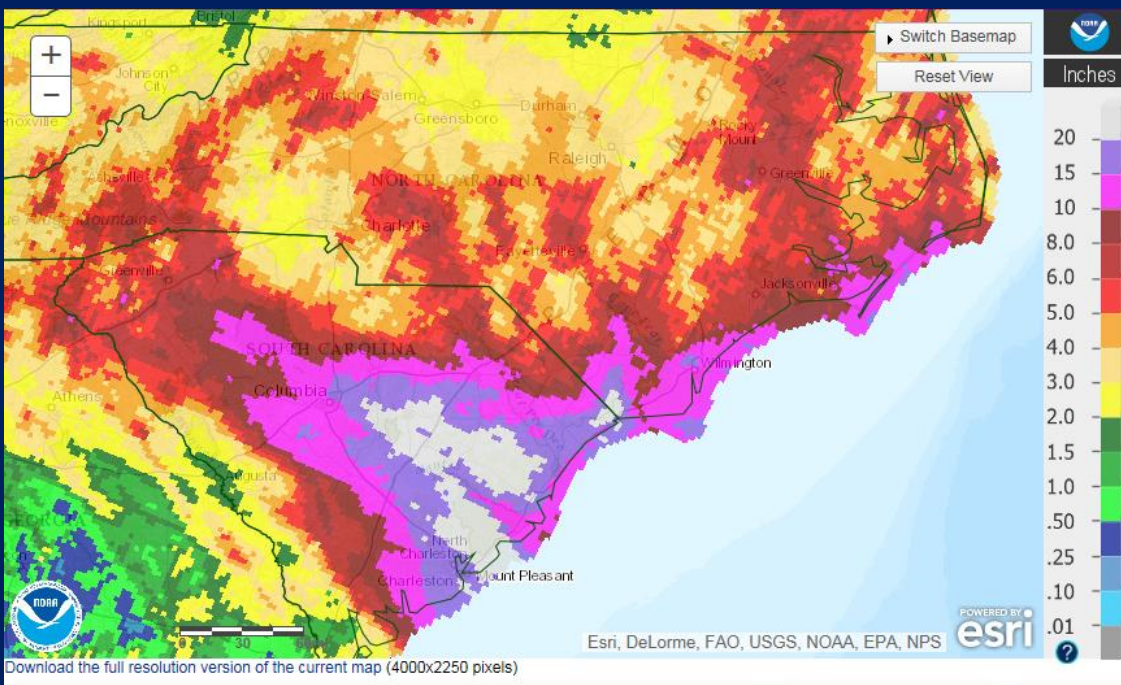


- Rain has come to an end in the Southeast and our next rainfall event is expected this weekend with expectation of less than one-half inch of rain across the region.
- Forecasts should become more consistent going forward due to the fact that we are working with rain on the ground and very little forecasted rainfall in the coming days...however, the hydrology is still complicated, please check our river forecasts regularly.



# Past Precipitation

Storm Totals  
October 1-5,  
2015

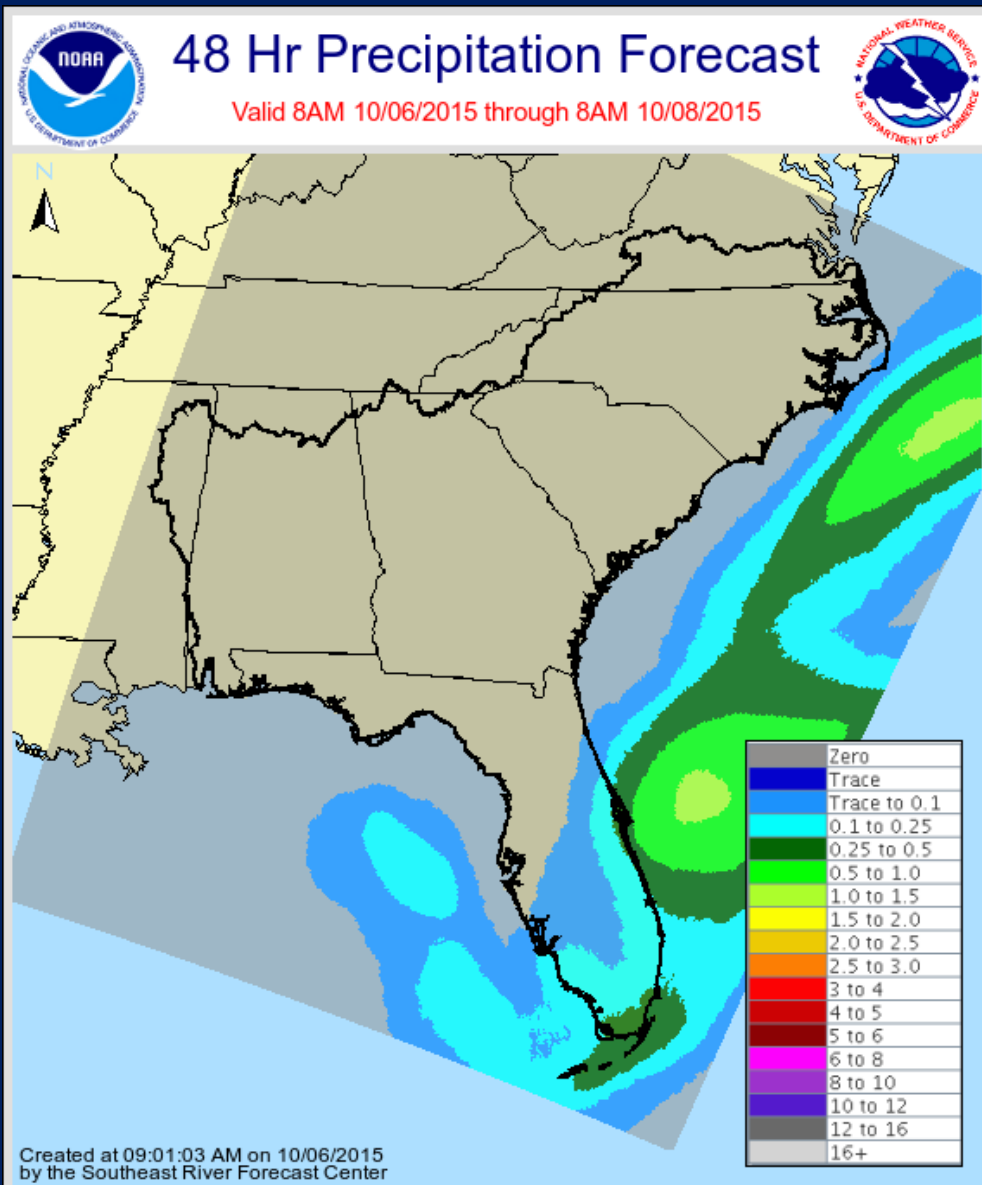


Mount Pleasant, SC	26.88"
Cainhoy, SC	25.50"
Kingstree, SC	24.75"
Shadowmoss, SC	24.10"
Longs, SC	23.74"
Limerick, SC	22.02
Charleston, SC	17.91"
Wilmington, NC	12.54
Columbia, SC	12.35"

- Heavy rainfall fell over a large portion of South Carolina and parts of North Carolina. Here is a map showing the storm totals and a few of the rain totals....the first few are the highest measured totals, then a few of the larger cities that were affected.



# SERFC Forecast Precipitation



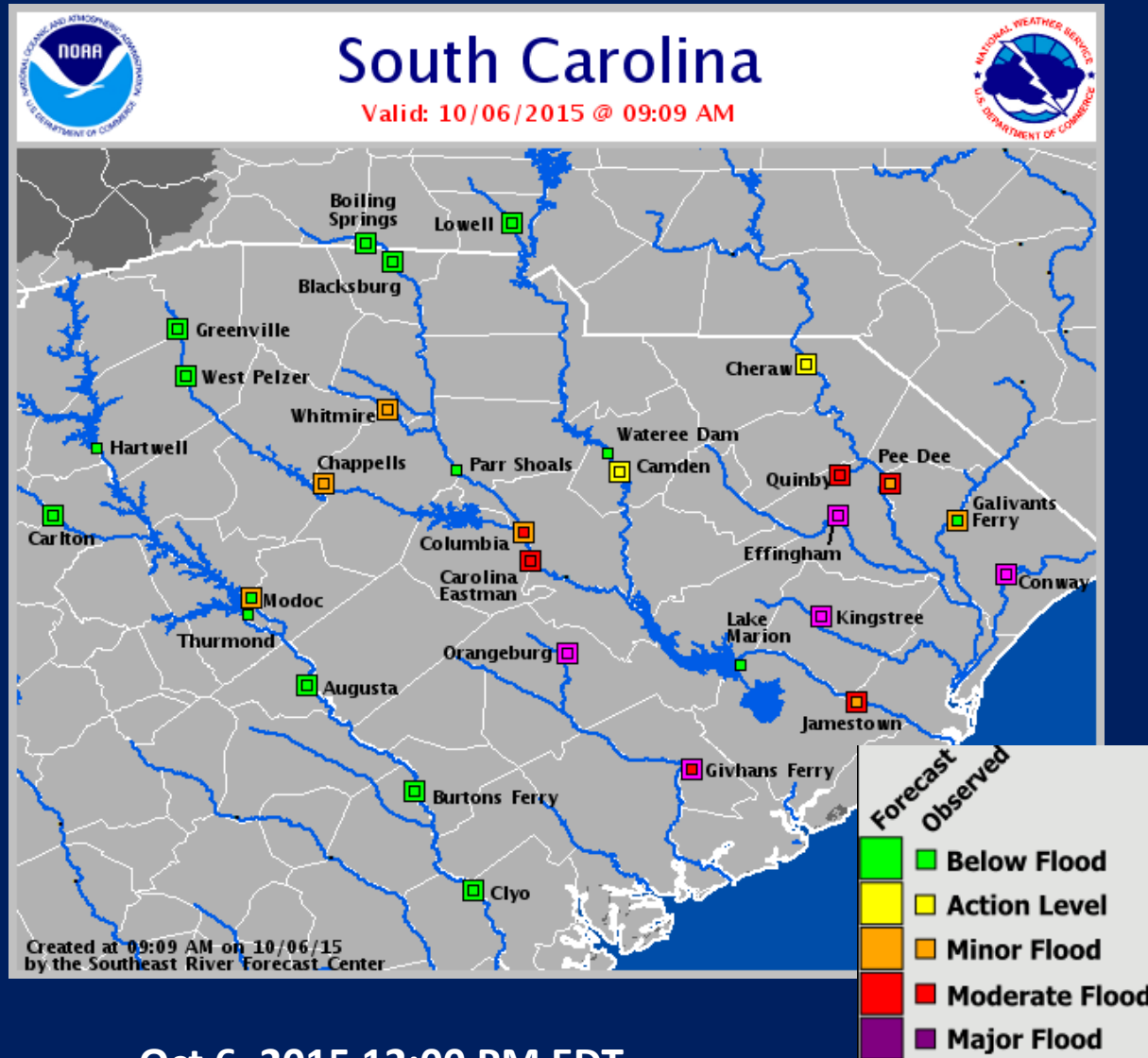
- 48-Hour Precipitation used in the River models.
- Fortunately, rain has moved out of the Southeast . This should help both in the recovery of the rivers and of the people in areas that have received all this rainfall.







# Forecast River Conditions

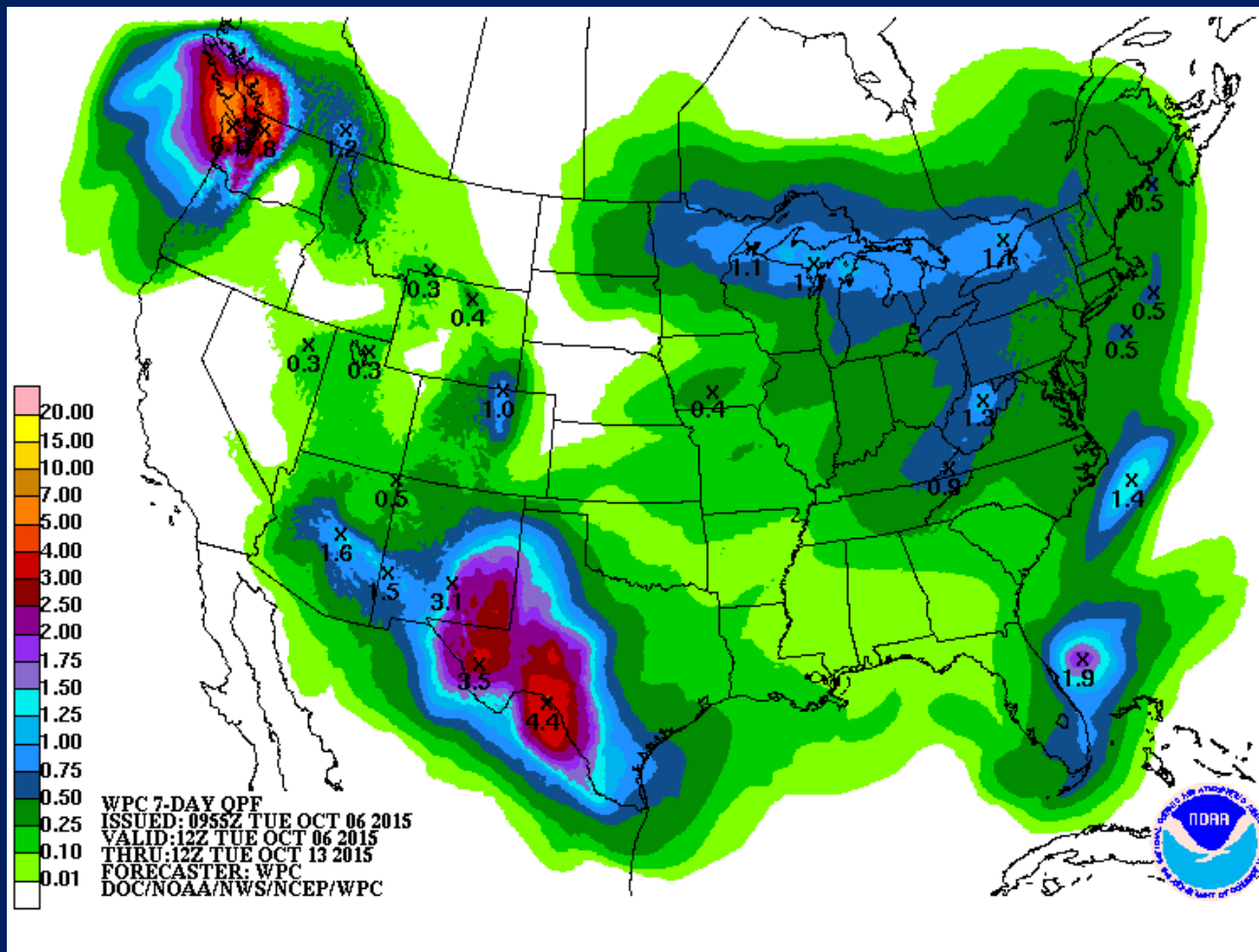


- 5 major, 4 moderate and 4 minor floods are forecast in South Carolina. These forecasts should be more consistent in the coming days with no forecast precipitation expected
- Please continue to monitor the river forecasts closely because the hydrology involved in making these forecasts is still very complicated.

Oct 6, 2015 12:00 PM EDT



# 7-day forecast precipitation



It is still looking good for rainfall of less than a quarter inch in South Carolina and less than one-half inch of rain in the North Carolina and Virginia. These forecasts for future rain we will be monitoring very closely now due to the dangerous conditions across this area. The models have been consistently predicting this rain...but please check back regularly for updates.

Precipitation Forecast : 8AM 10/6 - 8AM 10/13



# SERFC Operational Status



- SERFC will continue on 24-hours operations until further notice.
- Our next message will be a Daily Operational Support Message and will be issued **Wednesday, October 7, 2015**
- Today's morning forecasts are available at:  
<http://weather.gov/serfc>
- Please Contact us at [sr-alr.rivers@noaa.gov](mailto:sr-alr.rivers@noaa.gov) if you have any questions.





# Helpful Bookmarks



- Monitor the NWS weather radar  
<http://www.srh.noaa.gov/serfc/?n=radar>
- SERFC Briefing page  
<http://www.srh.noaa.gov/serfc/?n=quickbrief>
- NWS National Quantitative Precipitation Forecasts  
<http://www.hpc.ncep.noaa.gov/qpf/qpf2.shtml>
- NWS Meteorological Model Ensemble probabilistic river forecasts (MMEFS)  
<http://www.erh.noaa.gov/mmefs/>